

Form PTO-1449

ATTY. DOCKET NO.
0505-1232PAPPLICATION NO.
10/645,519INFORMATION DISCLOSURE CITATION
IN AN APPLICATIONAPPLICANT
WATANABE et al.FILING DATE
August 22, 2003GROUP
Unknown

Use several sheets if necessary)

U.S. PATENT DOCUMENTS

DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
US						
US						
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FOREIGN PATENT DOCUMENTS

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
JP	4-183949	A	6/30/1992	Japan			Abs	
JP	10-196440	A	7/28/1998	Japan			Abs	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.
0505-1232PAPPLICATION NO.
10/645,519APPLICANT
Tsuguo WATANABE et al.FILING DATE
August 22, 2003GROUP
3747**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
OK	US 4,825,834	A	1989-05-02	Toshimitsu et al.	—	—	
	US 4,768,486	A	1988-09-06	Koike et al.	—	—	
	US						
	US						
	US						
	US						
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	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
OK	JP	63-147953	A	1998-06-20	JAPAN	—	—	ABS	
	JP	04-183949	A	1992-06-30	JAPAN	—	—	ABS	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

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12/1/2005

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